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SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/647,986
Confirmation Number	2490
Filing Date	August 26, 2003
First Named Inventor	Donald Owen Holte et al.
Group Art Unit	3745-1725
Examiner Name	CLIFFORD C. SHAW
Attorney Docket Number	9349

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
CA		US-3,707,617	12-26-1972	Rutter et al.	
CA		US-4,459,062	07-10-1984	Siebert	
CA		US-4,621,181	11-04-1986	Lachnitz	
CA		US-5,672,284	09-30-1997	Devanathan et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
CA		EP 0 454 861	11-06-1991	Fanuc Ltd.		
CA		EP 0 589 585	03-30-1994	Oea, Inc.		
CA		EP 0 852 984	07-15-1998	CRC-Evans Pipeline Int Inc.		
CA		WO 99/21677	05-06-1999	Jarvis et al.		

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
CA		"Welding Handbook, vol3, 8 th edn." 1996, American Welding Society, Miami, FL 33126, XP002312251 page 30 - page 41; figures 1.3, 1.6	
EXAMINER	DATE CONSIDERED 9/13/2005		

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